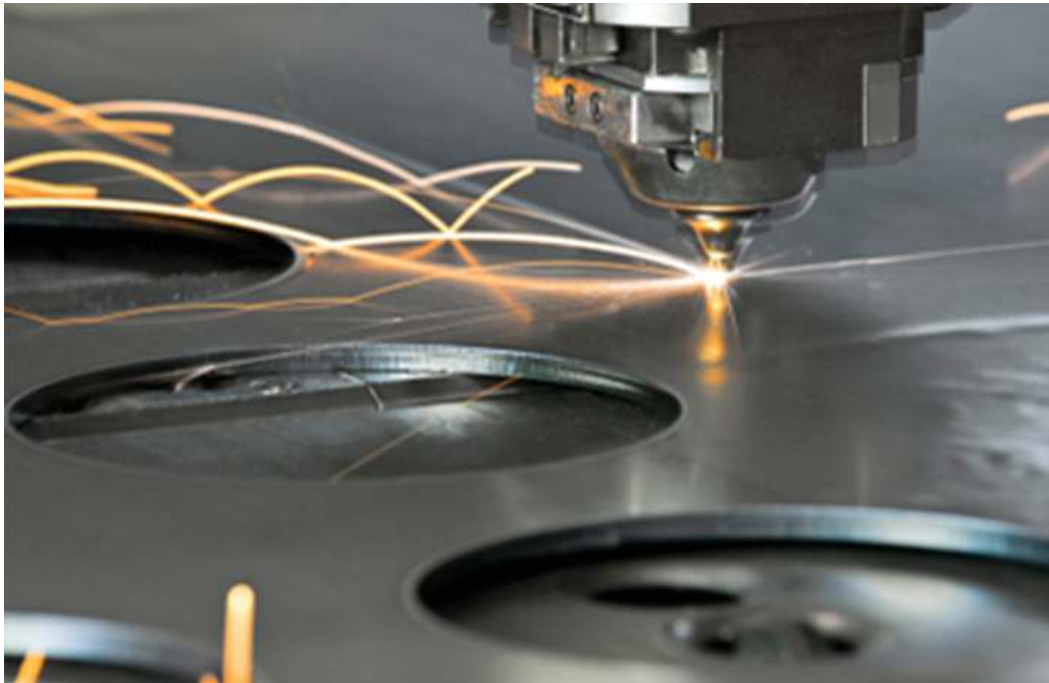




## LASER CUTTING



### Laser Cutting

Laser cutting is a well established production method in the steel and metals fabrication industry. It enables complex and precise cutting of steel and aluminium sheets to a very high quality finish which would previously have been prohibitively expensive to machine cut. It enables the manufacturer to cut small diameter holes with complex detail and good edge quality either sheet, plate, tube or box section metal items.

The process is blanketed with high pressure nitrogen as a shielding effect which eliminates oxidation and improves edge quality and other finishing procedures. It also ensures that stainless steels does not lose its corrosion resistance and aluminium items have a burr-less finish.

By using nitrogen as your cutting gas, the laser beam melts the material, and the nitrogen blows away the molten material from the cutting groove and forces the metal to harden quickly.

